

Program

2nd Workshop and 4th MC Meeting
Eindhoven University of Technology
The Netherlands
4 - 5 October 2007

Presentations and discussions on the following topics:

Analysis of Failures and Malfunctions
Vulnerability of Timber Components
Robustness of Structures

Local Organisers:

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Program (preliminary version, 17.09.2007)

Thursday, October 04, 2007

University Auditorium, Room 2

08.45 Registration, collection of the COST reimbursement form

09.00 Welcome Address and Introduction (Jochen Köhler, André Jorissen)

09.15 Session with technical presentations related to WG I, chaired by Tomi Toratti.

Tomi Toratti (Finland)

Introduction, Failure Assessment Publication

Jelena Srpac (Slovenia)

Timber failures in Slovenia

Kolbein Bell (Norway)

Shear cracks in glulam frames - an actual case

Binsheng Zhang et al. (UK)

Research on Vibrational Performance of Timber Flooring Systems

Jochen Köhler and Andreas Müller (Switzerland)

Evaluation of Experience- a generic procedure for the assessment of failures and malfunctions

10.50 Coffee

11.15 Session with technical presentations related to WG II chaired by André Jorissen.

André Jorissen (The Netherlands)

Introduction

Jan Siem (Norway)

Capacity and ductility of dowel joints in wooden constructions

Erik Serrano and Johan Sjödin (Sweden)

Dowel type joints - Influence of moisture changes and means to increase joint ductility

Alfredo Dias (Portugal)

Influence of the joint plastic deformation capacity in the behaviour of the timber-concrete composite systems

12.45 Lunch

14.00 Session with technical presentations related to WG II continued; chaired by André Jorissen.

Dennis Schoenmakers (The Netherlands)

The bearing strength perpendicular to the grain of locally loaded timber blocks and dowel-type connections

Myriam Chaplain (France)

Modelling load duration of timber beams under various relative humidity conditions

Vlatka Rajcic (Croatia)

Stresses perpendicular to grain in glued-laminated timber girders with special shapes

Nadine Edi Montaruli, Elena Conti, J.W. van de Kuilen (STSM, Italy/The Netherlands)
The application of FT-IR spectroscopy to monitor biodegradation of wood during decay tests

15.50 Coffee

16.15 Session with technical presentations related to WG II continued; chaired by André Jorissen.

Luís C. Neves, Jorge M. Branco (Portugal)
Reliability of timber trusses under eccentric loads

Reinhard Brandner et al. (Austria)
Size effect considerations for linear structural elements of timber

Manfred Augustin et al. (Austria)
Behavior of Glulam in Compression Perpendicular to grain in Different Strength Grades and Load Configurations

17.45 Closure

20.00 Dinner

Friday, October 05, 2007

University Auditorium, Room 2, 12, 13

08.00 Session with technical presentations related to WG III chaired by John Dalsgaard Sørensen.

John Dalsgaard Sørensen (Denmark)
Introduction

Phillip Dietsch (Germany)
Structural safety and robustness of connections in wide-span timber structures - evaluation of an exemplary truss system

Sara Casciati (Italy)
Wood joint design toward structural robustness

Poul Henning Kirkegaard & John Dalsgaard Sørensen (Denmark)
Robustness analysis of a multi-storey massive timber building

9.40 Coffee

10.00 Parallel discussion sessions of the WGs

11.15 Coffee

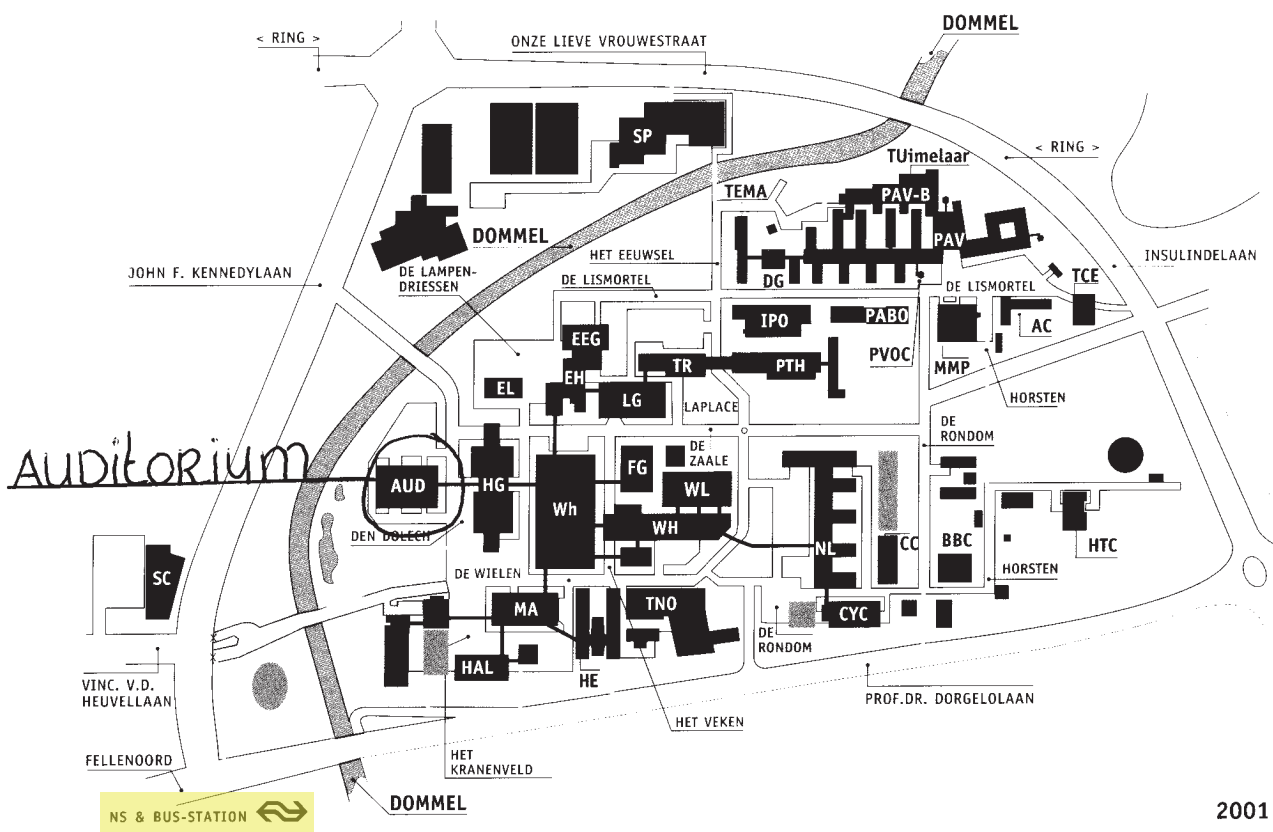
11.45 Joint session, discussion of results conclusions and outlook

13.00 Closure of workshop

14.00 4th MC meeting

15.30 End of the MC meeting

Plattegrond campus



2001

U zoekt

- Auditorium
- Bibliotheek (centrale)
- Biomedische Technologie (faculteit)
- Bouwkunde (faculteit)
- College van Bestuur
- EESI
- Elektrotechniek (faculteit)
- Eurandom
- Eutechpark
- Expeditie (afgifte goederen)
- Fontys Hogescholen
- Fontys, PABO
- Industrial Design (faculteit)
- Kinderdagverblijf 'de Tuimelaar'
- Open Universiteit
- Receptie
- Scheikundige Technologie (faculteit)
- Stan Ackermans Instituut
- Studentensportcentrum
- Studentenhuisvesting Vestide
- Studenten Service Centrum
- Studium Generale
- Technologie Management (faculteit)
- Technische Natuurkunde (faculteit)
- TNO Industrie
- United Brains
- Werktuigbouwkunde (faculteit)
- Wetenschapswinkels
- Wiskunde en Informatica (faculteit)

Afkorting

Gebouw

Toegang

Afkorting	Gebouw	Toegang
AUD*	Auditorium	parkeerplaats aan Den Dolech
HAL*	De Hal	Het Kranenveld
WH	W-hoog	De Wielen
HG*, Wh	Hoofdgebouw, W-hal	De Wielen
HG*	Hoofdgebouw	De Wielen
LG*	Laplacegebouw	Laplace
EH*, EL, EEG	E-hoog, E-laag, EE-gebouw	E-hoog aan De Lampendriessen
LG*	Laplacegebouw	Laplace
AC, MMP	Alphacentrum, Multimediapaviljoen	De Lismortel/Horsten
Wh	W-hal	Het Veken
PTH*	PTH-gebouw	Het Eeuwseel
PABO	PABO-gebouw	De Lismortel
HG*	Hoofdgebouw	De Wielen
PAV-B	Paviljoen-B	Ingang achterzijde TEMA
TR*	Traverse	Laplace
HG*	Hoofdgebouw	De Wielen
HE*	Helix (voorheen ST-gebouw)	Het Kranenveld
LG*	Laplacegebouw	Laplace
SP*	Sportcentrum	O.L. Vrouwestraat
SC*	Studentencentrum De Bunker	hoek Kennedylaan/Vinc. v.d. Heuvellaan
HG*	Hoofdgebouw	De Wielen
AUD*	Auditorium	parkeerplaats aan Den Dolech
PAV*, TEMA*	Paviljoen/TEMA-gebouw	De Lismortel/Het Eeuwseel
DG	Dommelgebouw	
NL*, CYC, CC	N-laag, Cyclotrongebouw, Cascade	De Wielen/De Rondon
TNO	TNO-gebouw	De Rondon
MA*	Matrix	Het Kranenveld
WH, WL, Wh	W-hoog, W-laag, W-hal	De Wielen
PAV*	Paviljoen	De Lismortel
HG*	Hoofdgebouw	De Wielen

* rechtstreeks toegankelijk voor rolstoelgebruikers